

Precision 7mm to BNC Female Adapter



## RF Adapters Technical Data Sheet

ET1210

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## Configuration

- 7mm Sexless Connector 1
- BNC Female Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry

#### Features

- Max VSWR of 1.15:1 up to 8 GHz
- 7mm Interface compliant with IEEE STD 287
- BNC Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

## Applications

Allows Connection Between Series
 General Purpose Test

Precision Test & Measurement

#### Description

Ebeestock's ET12105 precision 7mm sexless to BNC female adapter is part of our full line of RF components available for same-day shipping. Our 7mm to BNC adapter has a sexless to female gender configuration in a precision design. ET12105 7mm sexless to BNC female adapter operates to 8 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications			
Erequency Range	DC	8	GHz
VSWR		1.15:1	

#### Mechanical Specifications

Size

 Length
 1.555 in [39.5 mm]

 Width
 0.88 in [22.35 mm]

 Weight
 0.115 lbs [52.16 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 7mm Sexless to BNC Female Adapter ET12105



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Description	Connector 1	Connector 2
Type	7mm Sexless	BNC Female
Polarity	Standard	Standard
Interface Specification	IEEE STD 287	MIL-STD-348

#### Material Specifications

	Connector 1		tor 2
Material	Plating	Material	Plating
7mm Sexless		BNC Female	
Beryllium Copper	Gold	Beryllium Copper	Gold
		Brass	Nickel
Passivated Stainless Steel			
Passivated Stainless Steel			
	7mm Sexless	7mm Sexless  Beryllium Copper Gold  Passivated Stainless Steel	7mm Sexless BNC Female Beryllium Copper Gold Beryllium Copper Brass Passivated Stainless Steel

### **Environmental Specifications**

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 7mm Sexless to BNC Female Adapter ET12105

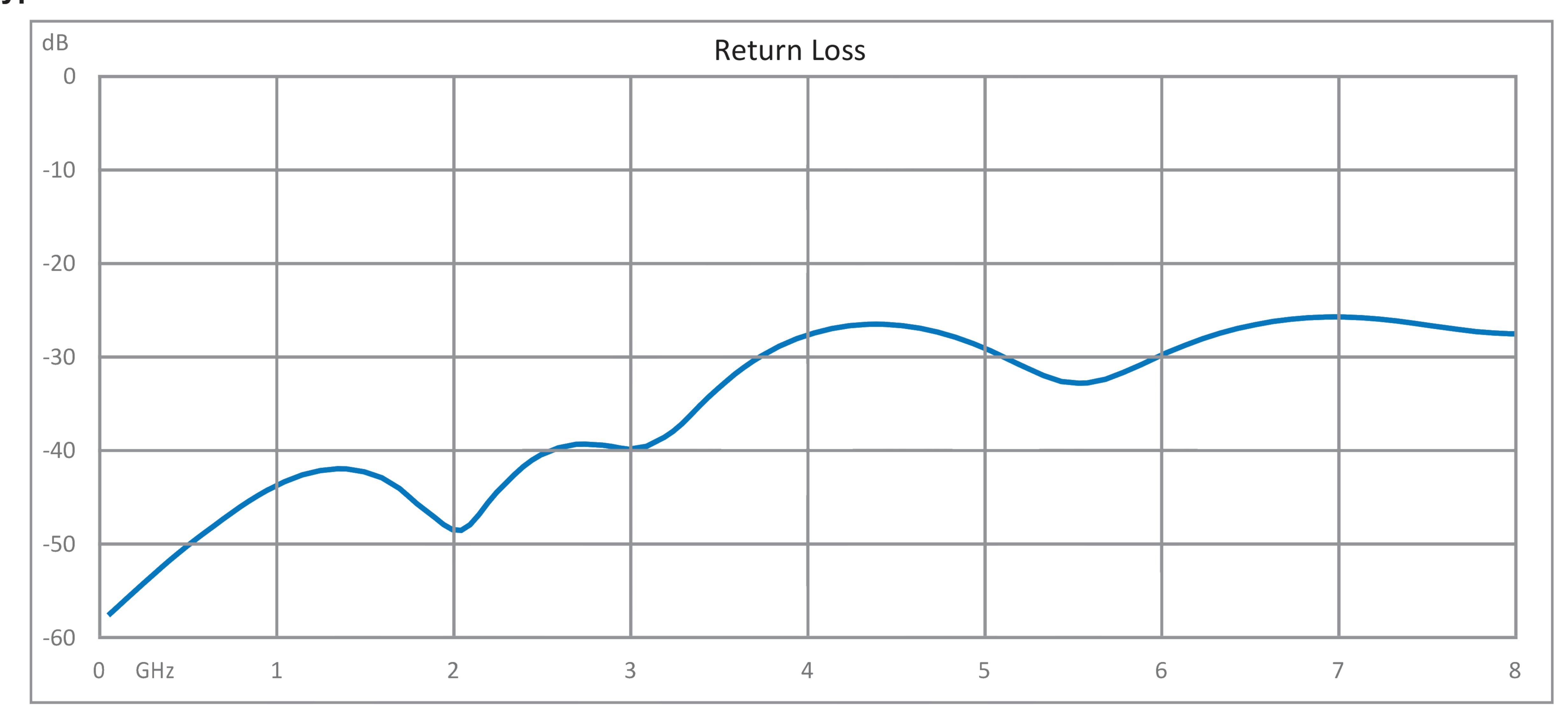


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#### **Typical Performance Data**




Precision 7mm Sexless to BNC Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 7mm Sexless to BNC Female Adapter ET12105

URL: https://www.ebeestock.com/precision-7mm-to-bnc-female-adapter-0012105

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

ET12105 CAD Drawing
Precision 7mm Sexless to BNC Female Adapter



ET12105 REV 1.1